

Exploring Aeronautics			
2005 Science			
Content Standards			
Alaska Science			
Grades K-12			
Activity/Lesson	State	Standards	
Fundamentals of Aeronautics (145-176)	AK	SCI.K-12.B.4	develop an understanding of motions, forces, their characteristics and relationships, and natural forces and their effects.
Airplane Control(209-256)	AK	SCI.K-12.B.4	develop an understanding of motions, forces, their characteristics and relationships, and natural forces and their effects.
Tools of Aeronautics(257-326)	AK	SCI.K-12.A.1	develop an understanding of the processes of science used to investigate problems, design and conduct repeatable scientific investigations, and defend scientific arguments;
How an Airplane Flies	AK	SCI.K-12.B.4	develop an understanding of motions, forces, their characteristics and relationships, and natural forces and their effects.
The Tools of Aeronautics	AK	SCI.K-12.A.1	develop an understanding of the processes of science used to investigate problems, design and conduct repeatable scientific investigations, and defend scientific arguments;
Science of Flight	AK	SCI.K-12.A.1	develop an understanding of the processes of science used to investigate problems, design and conduct repeatable scientific investigations, and defend scientific arguments;
Science of Flight	AK	SCI.K-12.B.4	develop an understanding of motions, forces, their characteristics and relationships, and natural forces and their effects.
Science of Flight	AK	SCI.K-12.E.1	develop an understanding of how scientific knowledge and technology are used in making decisions about issues, innovations, and responses to problems and everyday events;
Science of Flight	AK	SCI.K-12.F.1	develop an understanding of the interrelationships among individuals, cultures, societies, science, and technology;
Science of Flight	AK	SCI.K-12.G.1	develop an understanding that historical perspectives of scientific explanations demonstrate that scientific knowledge changes over time, building on prior knowledge;
Science of Flight	AK	SCI.K-12.G.3	develop an understanding that scientific knowledge is ongoing and subject to change as new evidence becomes available through experimental and/or observational confirmation(s); and
Integrating with Aeronautics	AK	SCI.K-12.G.1	develop an understanding that historical perspectives of scientific explanations demonstrate that scientific knowledge changes over time, building on prior knowledge;

Intro to Aeronautics (109-123)	AK	SCI.K-12.G.1	develop an understanding that historical perspectives of scientific explanations demonstrate that scientific knowledge changes over time, building on prior knowledge;
Intro to Aeronautics (109-123)	AK	SCI.K-12.G.3	develop an understanding that scientific knowledge is ongoing and subject to change as new evidence becomes available through experimental and/or observational confirmation(s); and
Scientific Method(124-144)	AK	SCI.K-12.A.1	develop an understanding of the processes of science used to investigate problems, design and conduct repeatable scientific investigations, and defend scientific arguments;
Scientific Method(124-144)	AK	SCI.K-12.G.3	develop an understanding that scientific knowledge is ongoing and subject to change as new evidence becomes available through experimental and/or observational confirmation(s); and